08/23/04

#52131



Patent ¹ C PD-200337 Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Cocchi, Ronald P., :

et al.

Serial No.: 10/085,920

Filed:

February 28, 2002

For

DEDICATED NONVOLATILE

MEMORY

Georgann S. Grunebach

223/13-1450, on the date below:

addressed to:

Typed or printed name of person signing certificate

I hereby certify that this paper (or fee)

is being deposited with the United States Postal Service as "Express Mail" under Label No. EU433761544US, in an envelope

Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA

Group Art Unit: 2131

Examiner:

to be determined

Date: August 20, 2004

INFORMATION DISCLOSURE STATEMENT RECEIVED

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450 AUG 2 7 2004

Technology Center 2100

Dear Sir:

The references cited on the enclosed forms PTO/SB/08A and PTO/SB/08B may be material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. In accordance with the recent Notice of the USPTO regarding the submission of Information Disclosure Statements without copies of the U.S. patents and published applications in patent applications filed after June 30, 2003, Applicant submits herewith copies of foreign patent documents and non-patent literature only, if applicable. It is respectfully requested that the references be considered and made of record in the application identified above.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

It is believed that no fee is due with this submission. If a fee is due, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any

overpayment, to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

Respectfully submitted,

By:

Georgann S. Grunebach, Registration No. 33,179

The DIRECTV Group, Inc. RE/R11/A109
P. O. Box 956
El Segundo, CA 90245

Telephone No. (310) 964-4615

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons and required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

AUS 2 0 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

3

Complete if Known				
Application Number	10/085,920			
Filing Date	February 28, 2002			
First Named Inventor	Cocchi, Ronald P.			
Art Unit	2131			
Examiner Name	to be determined			
Attorney Docket Number	PD-200337			

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	ļ	Number-Kind Code ^{2 (If known)}			Figures Appear
		^{US-} 6,026,020			
		US-			
		US-			
	<u> </u>	US-			
		US-			
		US-			· · · · · · · · · · · · · · · · · · ·
		US-			
		US-		B	ECEIVED
	<u> </u>	US-			
		US-			AUG 2 7 2004
		US-			
		US-		Tech	mology Center 2100
		US-		-	
		US-			
		US-			
		US-			
***		US-			
		US-			
	t	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 "} Number ^{4 "} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear]
		EP 0 851 358				
		EP 0 971 361				
		EP 0 984 403				L
		EP 1 050 821				
		EP 1 085 516				
		EP 1 176 826				Г

Examiner	Date	Ĭ
	Date	Į.
Signature	Considered	1
Signature	Considered	1
L .	F	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Indication is altituded in the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are neguired to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet | 2

AUS 2 0 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Complete if Known				
Application Number	10/085,920			
Filing Date	February 28, 2002			
First Named Inventor	Cocchi, Ronald P.			
Art Unit	2131			
Examiner Name	to be determined			
Attorney Docket Number	PD-200337			

Francisco	Cita	D	U. S. PATENT		Desce Columns Lines Mines
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (7 known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	 	US-			
		00-			
		US-	1		
	ļ	US-			
		US-			OCIVED.
		US-		int	CEIVED
		US-			UC 9 7 2004
		US-		-	1 2004
	<u> </u>	US-		Techn	UG 2 7 2004 plogy Center 2100
		US-		I GUIII	Diogy Oction 2 100
		US-			
***************************************		US-			
		US-			
		US-			
·		US-			
		US-			
	 	US-			

		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ*
		EP 1 074 906				
		WO 00 77717				
		WO 02 093332				
	ļ					
L						\Box

Examiner			Date	
Signature			Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ersons are required to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Redu Complete if Known Substitute for form 1449/PTQ AUS 2 0 2004 **Application Number** 10/085,920 INFORMATION DISCLOS Filing Date February 28, 2002 STATEMENT BY APP **First Named Inventor** Cocchi, Ronald P.

Art Unit 2131 (Use as many sheets as necessary) **Examiner Name**

to be determined Attorney Docket Number Sheet 3 PD-200337 3 of

Examiner Initials*	Cite No.1	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T ²
		number(s), publisher, city and/or country where published. ARAKI, SHIGEO, "The Memory Stick", IEEE Micro, ISSN: 0272-1732, vol. 20, no. 4, July 2000 (2000-07)-August 2000 (2000-08), pages 40-46, XP002257044	
		"Functional Model of a Conditional Access System", EBU Review- Technical, European Broadcasting Union. Brussels, Belgium, no. 266, 21 December 1995 (1995-12-21), pp. 64-77, XP000559450.	
		KHOURI, OSAMA, et al., "Low Output Resistance Charge Pump for Flash Memory Programming", IEEE International Workshop on Memory Technology, Design and Testing (MTDT '01), San Jose, USA.	
· · · · · · · · · · · · · · · · · · ·			
•			
		RECEIVED	
		AUG 2 7 2004	
		Technology Center 2100	
N			
-			

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.